



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 333-06-E Vol. 3

Manufacturer: Paloma Industries, 2151 Eastman Avenue, Oxnard, California 93030

Trade Name(s): Richmond

Product: Instantaneous gas-fired hot water heaters

Pertinent Code Section(s): 27-800, 27-826, P107.26, RS 14-2 (ANSI Z223.1)

Prescribed Test(s): RS 14-6 (ANSI Z21.10.3)

Laboratory: CSA International

Test Report(s): 222521-1617425, dated June 2, 2006

Description: Gas-fired instantaneous water heaters. Unit is comprised of a printed circuit board, self-diagnostic program, exclusive film wrap overheat limiter, built-in electric blower, automatic ignition system, combination gas control, water flow sensor, heat exchanger, freeze protection heater, oxygen depletion safety device and flame-rod system. Digital control for convenience, comfort and ease of maintenance. Control displays adjustable temperature settings. Unit, with model number, and input heating rating, is listed below:

Model No.	Input Rating (BTUH)
RMTG-74DVN	199,900

Note: 1. Suffix designations are as follows:
 DV – Direct Vent
 N – For Natural Gas

Note: 2. Units shall be installed on non-combustible surfaces.
Minimum installed clearance from combustible construction shall be as follows:
Top – 12 inches (24" for servicing), from single wall flue or vent connector in any direction – 3 inches, right and left sides – ½ inch, from back of unit (with support bracket) – 0 inches, Air intake – 0 inches.

Note: 3. Units are direct-vented with the following parameters:
Maximum allowed lengths:
Air inlet – 37.5 feet, 4 each 90° elbows plus air/exhaust terminal
Vent exhaust – 37.5 feet, 3 each 90° elbows plus air/exhaust terminal

Vent Material:
Air inlet – Sch. 40 PVC, CPVC, ABS (3" or 4" diameter)
Air inlet – Stainless steel or flex aluminum (4" diameter)
Vent exhaust – AL29-4C type stainless steel, 4" diameter by Pro-Tech or equivalent UL1738 certified venting with silicone gasketing.

Vent termination:
Model Nos. SC04HT, SC04TAD, SC04RCX HeatFab or equivalent for applicable terminations. Terminations may include transition piece for 2 pipes to single concentric terminal.

Terms and Conditions: The above-described instantaneous gas-fired heaters are accepted under the following conditions:

1. Units shall be fired by natural gas only.
2. Units shall be installed with clearances from combustible construction as indicated above.
3. Heaters shall not be installed in any closed space with a volume of less than 100 cubic feet.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
5. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the Building Code.
6. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

Note: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner, shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance September 27, 2006

Examined By Simon Dorfhuber